



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT \$ AF  
IFW 1646

In re Application of:

Handfield, et al.

Serial No.: 09/995,493

Filed: November 28, 2001

For: Identification of *Actinobacillus*  
*actinomycetemcomitans* Antigens for use in the  
Diagnosis, Treatment and Monitoring of  
Periodontal Diseases

Conf. No. 1452

Group Art Unit: 1646

Examiner: Baskar, P.

Docket No. 01-662

TRANSMITTAL LETTER

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In regard to the above-identified application:

1. We are transmitting herewith the attached
  - a. Response to Office Action Mailed May 19, 2004
  - b. Check in the amount of \$129.00
  - c. Return Receipt Postcard
2. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE OF MAILING UNDER 37 CFR §1.10: The undersigned hereby certifies that this Transmittal Letter and the paper described in paragraph 1, are being deposited with the United States Postal Service as "Express Mail Post Office To Addressee", addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 14, 2004 under Express Mail Label No. EV 334690841US.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

*Eng. Mac Reg. No. 35,285 on  
behalf of*

Date: July 14, 2004

By:

Lisa M.W. Hillman  
Reg. No. 43,673



PATENT

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For: **Identification of *Actinobacillus actinomycetemcomitans* antigens for use in the diagnosis, treatment and monitoring of periodontal diseases**

**RESPONSE AFTER FINAL**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Final Office Action mailed on May 19, 2004 in the above-mentioned case. A fee of one hundred twenty nine dollars (\$129) for an additional 3 independent claims is enclosed. It is believed that no other fee is due to make this filing complete; however, if a fee is due the Commissioner is authorized to charge or credit our Deposit Account No. 13-2490.

Amendments to the claims appear on page 2 of this paper.

Remarks/arguments begin on page 14 of this paper.